017-18

ಅಭಿ. ಕಿ.ಲಿ

005 42600
ಅಡಿಲಾಗಿದೆ.

Executive Engineer
tive Engineer
anapura Division
a Zone B.B.M.P.
alore-5 0092
9/11
09/11

I st And Final bill

Work code - 006-18-00007/
Est cost Rs. 50.00 Lacs

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425901

Serial No. .....
Name of Work ..... Providing and Fixing New Accessories to existing Borewells and Laying & Pipeline in Ward No. 06
Name of Contractor of nature of Agency ..... Surrounding Area Byatarayanapura Sub Division
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name & Contractor.		Executive Engineer KRIDC				
			280, 7th Cross Road. 17th C Main Road.				
			3rd y Block. Rajajinagara. B.Lore. 560010				
	Work order no. BBMP/EE/BTP/WO/73/2018-19. Date. 27.07-18						
	Recordedon -						
(1)	Geophysical Investigation & Site for Sinking borewell for Supplying Drinking Water to the habitation either through Hand Pump MWS & PWSS by vertical Sounding by adopting Wenner or Schlumbergers method including reconnaissance						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Survey & Geological formation Geological investigation & existing ground water in vicinity. Its Quality Quality and accordingly the recommended depth of casing Pipe, required to seal the unconsolidated formation including an extra depth & also Pipe required depth & Drilling proposed to Tapped Productive yield etc. Complete as per Specification.						
	① Dasarahally Colony	1	–	–	–	1	
	② ~~Dasarahally~~ Govt school	1	–	–	–	1	
	Rate · 1938:46					2 Nos	3877:00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
②	Sinking & boring hydraulic rig & in all strata Cas Pipes Casing and welding including new Cutting & Tapped Productive yield testing & Compressor for Casing complete

th	Contents 7	Reference to last Measurement 8
	ological investigation y. its Analysis Analysis ering due location ggre ained to seal sue up on exera depth & asin ed to Tapped Pressure sion.	
	1 ✓ 1	
	2 Nos	3877: 00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425902

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(2)	Sinking & borewell & 165 mm dia clear using Super fast in hydraulic rig & Capacity 280 PSI & and as one 900 CMF Ob as one in all Strata including over burden upto 20 Mtr fixing & casing Pipes Colums and cap with necessary cutting threading and welding including transportation & Skilled Supervising men all over Charges ad Cap & Consumables etc. complete including fixed fessens as per final depth with minimum working & Compressor for one hour (excluding cost & Casing Pipes colums complete. complete. 0.00 to 50.00 Mtr.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) Dasarahalli Colony	1 -	50.00	"	"	50.00	
	(2) Dasarahalli (Govt School)	1 -	50.00	"	"	50.00	
						100.00 Mtr.	
	Rate. 315:18						31518:00
(3)	50 to 100.00 Mtr						
	(1)	1 -	50.00	"	"	50.00	
	(2)	1 -	50.00	"	"	50.00	
						100.00 Mtr.	
	Rate. 412:00						41200:00
(4)	100.00 to 150.00 Mtr						
	(1)	1 -	50.00	"	"	50.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	(2)	
	Rate. 458:35	
(5)	150.00 to 200.00 M	
	(1)	
	(2)	
	Rate. 484:10	
(6)	200.00 to 250.00 Mtr	
	(1)	

Contents 7	Reference to last Measurement 8
50.00	
50.00	
100.00 Mtr.	31518.00
50.00	
50.00	
100.00 Mtr.	41200.00
50.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425903

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	②	1	50.00	"	"	50.00	
						100.00 Mtr	45835.00
	Rate. 458.35						
5	150.00 to 200.00 Mtr						
	①	1	50.00	"	"	50.00	
	②	1	50.00	"	"	50.00	
						100.00 Mtr	48410.00
	Rate. 484.10						
6	200.00 to 200.00 Mtr						
	①	1	50.00	"	"	50.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	②	1	50.00	–	–	50.00	
						100.00 Mtr	
	Rate · 560:32						56032:00
(7)	250.00 to 300.00 Mtr.						
	①	1	50.00	–	–	50.00	
	②	1	50.00	–	–	50.00	
						100.00 Mtr	
	Rate. 600.49						60049:00
(8)	300.00 to 350.00 Mtr						
	①	1	49.00	–	–	49.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	②	
	Rate · 622:00	
(9)	Supplying & Fixing Mar ERW casing Pipe conforming welded to IS 1387-1993 and Steel/Structural in Gra conforming to and i	

Contents 7	Reference to last Measurement 8
50.00	
100.00 MW	56032.00
50.00	
50.00	
100.00 MW	60049.00
49.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425904

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(2)	1	50.00	-	-	50.00	
						99.00 MW	61578.00
	Rate - 622.00						
	(9) Supplying & laying mark 12 5 mm nominal bore medium grade ERW casing pipe 3.5 mm thick class electric resistance continuous welded made steel tube manufactured from hot rolled steel sheet/skelp in random length 4 to 7 mtr both ends threaded conforming in all respects etc. complete.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1)	1	69.00	-	-	69.00	
	(2)	1	71.00	-	-	71.00	
						140.00 Mtr	
	Rate. 1325.00						185500.00
(10)	Providing and Fixing 250 mm dia PVC Pipe and as Per Specification and Direction.						
	(1)	1	10.00	-	-	10.00	
	(2)	1	10.00	-	-	10.00	
						20.00 Mtr	
	Rate. 1100.00						220000.00

Serial No. .....

Name of Work ..... From

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
(11)	175 mm dia MS	Casing
	(1)	1 -
	(2)	1
	Rate. 100.00	
(12)	MS Casing Pipe	Cutting
	Specification etc..	Conn
	(1)	9
	Rate. 150.00 (2)	9

OOK

Depth 6	Contents 7	Reference to last Measurement 8
–	69.00	
–	71.00	
	140.00 MW	185500.00
Pve	Pipe as Per	
–	10.00	
–	10.00	
	20.00 MW	22000.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425905

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(11)	175 mm dia MS Casing Cap						
	(1)	1	–	–	–	1	
	(2)	1	–	–	–	1	
	Rate · 100.00					2 Nos	200.00
(12)	MS Casing Pipe Class 'C' Specification etc.. complete.	Cutting complete as per					
	(1)	9	–	–	–	9	
	Rate · 150.00 (2)	9	–	–	–	9	2700.00
						18 Nos	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(13)	Supply and delivery of size Grand new Texmo/Innova Usha/Sagar/Atlanta/Calamal/Waterman/Radha make Suitable HP deep well/Submersible Pumpset Suitable for vertical installation in 100 dia borewell comprising of Single Stage or multistage CR Pump close coupled by means of Stainless Steel coupling to suitable HP Submersible Squirrel cage Induction motor suitable for 3Ph 50Hz 380/440 Volts AC Supply from the required accessories such as Suction Casing Section Compresse the Pump and Motor Shaft from an integral unit with all the required fittings etc. complete.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	(1) Dasarahally Colony
	(2) Dasarahally Govt School Rate - 70685.00
(14)	Additional Motor
	(1) Price Quotes
	(2) Hegadenagara 6th cross
	(3) Dasarahally 12th cross
	(4) Sarraipalya Ruphi Layout
	(5) Sarraipalya Real Cross

OK

Depth 6	Contents 7	Reference to last Measurement 8
and new Perenno/innova		
Jerman/Radha make		
the Pumpset Suitable for		
borewell Consisting		
Pump Motor Control		
up to Suitable HP Subm		
from the Existing above		
Volts AC Supply from		
Deepen Casing Section		
made from GI Pipes		
ete - complete.		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425906

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(1) Dasarahally Colony	1	–	–	–	1	
	(2) Dasarahally Govt School	1	–	–	–	1	
	Rate - 70685:00					2 Nos	141370:00
(14)	Additional Motor 15 HP Boostage.						
	(1) Price Quotes	1	–	–	–	1	
	(2) Kegadenagara 6th cross	1	–	–	–	1	
	(3) Dasarahally 12th cross	1	–	–	–	1	
	(4) Sarai Palya Gupta Cross	1	–	–	–	1	
	(5) Sarai Palya Near Church	1	–	–	–	1	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
46	Earthwork Excavation for foundation of buildings Water supply sanitary line and electrical conduits either in pits or in trenches 1.00 mtr and above in width in hard soil not exceeding 1.00 mtr in depth including dressing the sides & pits and trenches & removing the excavated soil clear from edges & excavation with lead upto 50 mtr after breaking clods Compose as per specification As per Pre-measurement recorded vide Page No. 425958 to 425963 in this MB. Rate. 223:66					1088.64 m^3 243485:22	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nur
1	2	
47	Providing and instal Pipes & 6 kg/cm² incl including covering wit testing of joints co with all casons and co the pipe around to a d earth available from s As per Pre-meas 425963 Rate. 368:88	

pth 6	Contents 7	Reference to last Measurement 8
dation of buildings		
nical conditions		
or and above in wide		
depth including dress		
ing & leveling the		
excavation with lead		
mpose as per specification		
recorded vide		
3 in this MB.		
	1088.64 m³	243485 : 22

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425928

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(47)	Providing and installing GI pipe of size & class 63 mm (0.66 a) Pvc Pipes & 6 kg/cm² including cost of pipes and specials and laying in trenches laying true to line level and gradient including making all joints leak proof including jointing & applying tape over all joints and cutchanges handling charges including encasing the pipe around to a depth not less than 15 cms with granular material from the excavation else. compose.						
	As per Pre. Measurement recorded vide page No. 425963 to 425968 in this MB.					2688.00 Mtr	991549 : 44
	Rate. 368 : 88						

4760 W.M.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
48	Sand filling in foundation trenches as per drawing and Technical Specification Work Specification.						
	As per Pre. Measurment recorded vide Page No. 425968 to 425973					in this MB.	
	Rate. 2922:42					181.44 m^3	530243:88
49	Refilling available earth around Pipelines cables in layers not exceeding 20cms in depth compacting each deposited layer ramming after watering wet sand upto 30 mm and wet upto 1.50 mm including cost & all lead compaction as per Specification.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
	As per Page no..
	Rate. 59:36
60	Supplying a Valve & size 300 WOH ISI mark 30 dia etc.. Com

th	Contents 7	Reference to last Measurement 8
	as per Drawing	
	recorded vide	
	in this MB.	
	181.44 M³	
	530243:88	
	Refixing cables in	
	in completing each	
	fixing work and	
	ding complete	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425923

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	As per Pre-Measurement Page No.. 425973 to 425978 recorded vide in this MB.					725.76 M³	43081:11
	Rate. 59:36						
(60)	Supplying and delivery of brand new best make high value of size 50mm as per IS 776/84 with latest amendements with ISI mark 50mm high value bendigo/ruberoy pipeline 50mm dia etc.. Complete as per Specification item 50mm high value						

4760 W.M.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ese.. Compose as per Specification and direction & the Engineer in charge & the work.						
	① Saraipalya colony	24	-	-	-	24.00	
	② Mariyanna palya colony	18	-	-	-	18.00	
	③ Sadiklayout	23	-	-	-	23.00	
	④ Telecom Layout	15	-	-	-	15.00	
	⑤ Bharathnagara	28	-	-	-	28.00	
	⑥ Kegadevanagara I Main	13	-	-	-	13.00	

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
1	2
	⑦ Saraipalya Basa... house Road
	⑧ Amount Balance Rase · 1749:00
	FOR BESCOM De...
	⑨ APPL...

Contents 7	Reference to last Measurement 8
and direction	
24.00	
18.00	
23.00	
15.00	
28.00	
13.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425930

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(7) Sarvajanya Badavane Near Road	19	-	-	-	19.00	
	(8) Ashram Badavane	17	-	-	-	17.00	
	Rate - 1749:00					157.00 Nos	274593:00
					Total Rs.		4460380 — 4474523:00
	FOR BESCOM Deposit charges.						100 — 200:00
	(a) Application charges				24	100:00	

M.B. 4700

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	~~Add 8% KRIDL Charges Rs.~~						
	(5) Meter Charges Landis And Gyr limited					2417/30 : 00	3460 — ~~3800 : 00~~
	(6) For Meter Deposit					2×8610 : 00	17220 : 00
						Total Rs.	449543 : 00
	Add 8% KRIDL Charges					Rs.	44954 : 00
	Add 1% Labour Cess					Rs.	4495/4 : 00
						Total Rs.	498941 : 00

Total: 446038-00
49064-00 Add KRIDL 11%
20786- Recond Dep 4%
Gr. Total 497802-00

Verified
22/9
C & FC

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪವಿಭಾಗ
ಬಿ.ಡಿ.ಎ.ಪಿ., ಬೆಂಗಳೂರು-26

13/9/18

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಡಿ.ಎ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ-26
ಬಿ.ಡಿ.ಎ.ಪಿ. ಬೆಂಗಳೂರು

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Certificate. (1) (2)

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಬಿ.ಡಿ.ಎ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
R19 C Charges Rs.			
handing And Ryr			3460 —
ised	2417 30 : 10		3500 : 10
sit	248610 : 10		17220 : 10
	Total Rs.		4495443 :
- Charges	Rs.		449544 :
n Cess	Rs.		44954 :
	Total Rs.		4988941 :

4460380-00
490642-00 AdmKRIDL JJ
20780- Secondary
4971802-00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425931

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

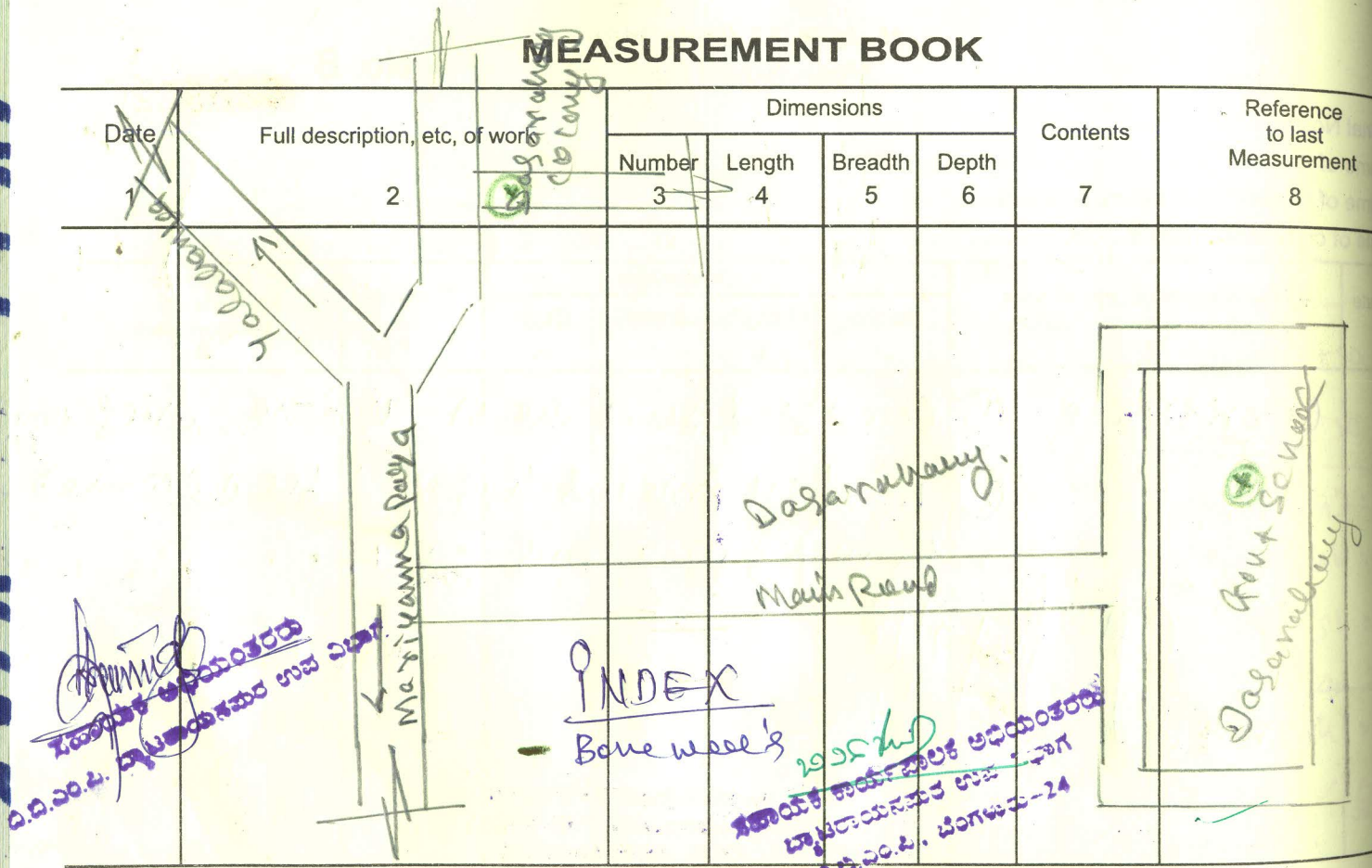
Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Certificate. ① Certified that the work done Satisfactory ② This bill Amount has not been claimed in any of previous bills.						

13/9/2018
Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

13/9/2018
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



INDEX

- Bore well's

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	

49,71,800
40
4559 08
Rs. Forty five (45 Lakh Sixty
eighty six only.

Verify

2/2/09

OOK

Depth 6	Contents 7	Reference to last Measurement 8

M. A. R. 57 (R
Measuremen

No. B 425932

Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dime Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ಅಲ್ಲ ಮೊತ್ತ ರೂ 4971802-00 ಗ್ ... ಇಪ್ಪತ್ತ ರೂ 402716-00 4569086-00 ... ಉಂದ ಮೊತ್ತ Rs: Forty five (4Ky Sixty nine Thou eighty six only. Four Schools Dasanakatte			Total Rs: 49,71,802-00 IT - 99436-00 Cess - 49718-00 CBF - 4972-00 FSD - 248590-00 Adm. 4,02,716-00 Charges Rs: 45,69,086-00			

4700 W.M.